



A-BODY REAR SUSPENSION KIT INSTALLATION

Part #'s – RSK007, RSK017

NOTE: When performing this installation it is recommended to do one side at a time. Removing both lower control arms at the same time allows the rearend to move making re-installation more difficult.

LOWER CONTROL ARMS

Installation:

1. Lift vehicle and support with jack stands under the frame rails.
2. If equipped, remove all 4 sway bar bolts and remove the sway bar.
3. Remove both bolts from one control arm and remove the arm.
4. Clean the bushing mounting surfaces in the frame. If you purchased control arms equipped with polyurethane bushings, lube the outside of the bushings using a silicone based polyurethane lube.
5. Install the new control arm but do not tighten the bolts. Repeat steps 3-5 for the other side. If you are using control arms equipped with spherical bearings you may proceed to step 7.
6. Once both new control arms are installed and bolts are finger tight, load the rear suspension by placing the jack stands under the axle. It is necessary when using polyurethane bushings to properly load the bushings before tightening the mounting bolts. *NOTE: tightening the control arm bolts with the rear end hanging results in bushing preload and can cause irregular ride height and premature bushing wear.*
7. Tighten bolts to 80 ft/lbs.
8. Re-install the sway bar.
9. Using a grease gun with a silicone based polyurethane lube, lube each grease fitting with 1-2 pumps. For maximum longevity, re-grease at 500 miles and then every other oil change.
10. Lower vehicle.

UPPER CONTROL ARMS

Installation:

1. Lift vehicle and support with jack stands under the frame rails.
2. Unbolt both bottom shock mounts. Using a jack, lower the rear end being careful not to damage the rubber brake line.
3. If equipped, remove the differential vent line bracket.
4. Remove all 4 bolts from the control arms and remove both control arms.
5. If you are using new polyurethane differential bushings, spray the factory bushings with penetrating oil and drive them out with a hammer or air punch (Some cars may require professional installation for this bushing but most will come out with a little patience). Once the bushings are out, clean and lube the bushing holes and drive the new bushings into place. Grease the outer mounting surfaces of the bushings.
6. Install the new upper control arms and leave the bolts finger tight. If using the adjustable control arms, adjust them to the factory length, using the factory control arms as a guide. Once adjusted to the proper length, tighten the adjuster jam nuts.

NOTE: Loctite blue is recommended to prevent the jam-nuts from loosening. Loose jam-nuts can cause automatic adjustment and will also wear out the threads on the adjuster and the threaded inserts.

1. Lift rear end, attach lower shock bolts and tighten. If you are using control arms equipped with spherical bearings you may proceed to step 9.
2. Support the car by the rear end to properly load the polyurethane bushings and tighten all bolts. *NOTE: tightening the control arm bolts with the rear end hanging results in bushing preload and can cause irregular ride height and premature bushing wear.*
3. Torque all four bolts to 80 ft./lbs.
4. Using a grease gun with a silicone based polyurethane lube, lube each grease fitting with 1-2 pumps. For maximum longevity, re-grease at 500 miles and then every other oil change.
5. Lower vehicle.



A-BODY CONTROL ARM MOUNT BRACES

Covers Part # RB001 AND RB002

1. Lift vehicle and support with jack stands under the frame rails.
2. Place a jack under the differential so that it may be raised up and down for ease of installation.
3. Unbolt the lower shock mount and lower the rear end. Remove both springs.
4. Once the springs are removed, lift the rear end to the standard ride height.
5. Remove the front bolt from one of the upper control arms and replace it with one of the supplied longer bolts. Allow only a portion of the thread to protrude through the frame rail and do not install the nut.
6. Repeat this procedure for the front bolt on the lower control arm. Allowing only a portion of the thread to protrude through the frame will make it easier to install the mount braces.
7. Install the BMR mount brace onto the protruding bolts in such a way that the longer section of the brace is closer to the lower control arm, adjusting the length of the brace as necessary. The brace should attach the upper control arm mount to the lower control arm mount.
8. Once the length of the brace is correctly adjusted, the bolts should slide freely through the braces and the brace should butt up against the frame mount. Install the provided washer and nut but do not tighten.
9. Repeat steps 5-8 for the other side.
10. With suspension at ride height, tighten all control arm bolts to 90 ft/lbs. Additionally, tighten both jam nuts on each BMR mounting brace.
11. Reinstall both springs and shocks. Verify all bolts are tight and lower the vehicle.

